

# APPENDIX C

## 2001 ON-SITE CHEMICAL RELEASES BY FACILITY

(in pounds)

FACILITIES RANKED ALPHABETICALLY	FORM A	ON-SITE RELEASE				TOTAL OFF-SITE TRANSFERS	ON-SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
AGILENT TECHNOLOGIES LITTLE FALLS							
TOLUENE		443	0	0	443	30,267	0
FACILITY TOTAL					443	30,267	0
AGILENT TECHNOLOGIES NEWPORT							
METHANOL		1,713	0	0	1,713	15,746	0
FACILITY TOTAL					1,713	15,746	0
AGRILINK FOODS							
AMMONIA		4,625	0	0	4,625	0	0
FACILITY TOTAL					4,625	0	0
ALLEN'S HATCHERY							
COPPER COMPOUNDS	1	0	0	0	0	0	0
MANGANESE COMPOUNDS	1	0	0	0	0	0	0
ZINC COMPOUNDS	1	0	0	0	0	0	0
FACILITY TOTAL					0	0	0
AMERICAN MINERALS							
BARIUM		17	59	0	76	0	0
LEAD		2	41	0	43	0	0
MANGANESE COMPOUNDS		842	418	0	1,260	0	0
NICKEL COMPOUNDS		9	8	0	17	0	0
FACILITY TOTAL					1,396	0	0
AMETEK							
LEAD		0	0	0	0	0	0
PHENOL		29	0	0	29	0	305
POLYCYCLIC AROMATIC COMPOUNDS		501	0	0	501	0	0
TETRABROMOBISPHENOL A		0	0	0	0	0	0
FACILITY TOTAL					530	0	305
ARLON							
XYLENE (MIXED ISOMERS)		1,500	0	0	1,500	5,654	144,479
FACILITY TOTAL					1,500	5,654	144,479

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		AIR	WATER	LAND	TOTAL		
ASTROPOWER							
LEAD COMPOUNDS		1	0	0	1	41	0
FACILITY TOTAL					1	41	0
AVECIA							
AMMONIA		15	0	0	15	34,675	0
CERTAIN GLYCOL ETHERS		1	0	0	1	2,787	0
COPPER COMPOUNDS		0	0	0	0	535	0
ETHYLENE GLYCOL		14	0	0	14	21,762	0
FORMIC ACID		109	0	0	109	226	107,335
METHANOL		1,041	0	0	1,041	29,703	0
TOLUENE		50	0	0	50	102	15,200
FACILITY TOTAL					1,230	89,790	122,535
BLADES BULK PLANT							
1,2,4-TRIMETHYLBENZENE	1	0	0	0	0	0	0
BENZENE	1	0	0	0	0	0	0
ETHYLBENZENE	1	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	1	0	0	0	0	0	0
N-HEXANE	1	0	0	0	0	0	0
TOLUENE	1	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	1	0	0	0	0	0	0
FACILITY TOTAL					0	0	0
CAMDEL METALS							
CHROMIUM		0	0	0	0	23,068	0
MANGANESE		0	0	0	0	3,155	0
NICKEL		0	0	0	0	15,405	0
TRICHLOROETHYLENE		16,017	0	0	16,017	1,588	13,100,000
FACILITY TOTAL					16,017	43,216	13,100,000
CARL KING							
1,2,4-TRIMETHYLBENZENE	1	0	0	0	0	0	0
BENZENE	1	0	0	0	0	0	0
CYCLOHEXANE	1	0	0	0	0	0	0
ETHYLBENZENE	1	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	1	0	0	0	0	0	0
N-HEXANE	1	0	0	0	0	0	0
TOLUENE	1	0	0	0	0	0	0

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		AIR	WATER	LAND	TOTAL		
XYLENE (MIXED ISOMERS)	1	0	0	0	0	0	0
<b>FACILITY TOTAL</b>					<b>0</b>	<b>0</b>	<b>0</b>
<b>CHROME DEPOSIT</b>							
CHROMIUM COMPOUNDS		0	0	0	0	3,400	2,000
LEAD COMPOUNDS		0	0	0	0	7,491	0
<b>FACILITY TOTAL</b>					<b>0</b>	<b>10,891</b>	<b>2,000</b>
<b>CIBA SPECIALTY CHEMICALS</b>							
ANILINE		20	0	0	20	35,783	0
BIPHENYL		123	0	0	123	182,030	2,321
CYCLOHEXANE		83	0	0	83	5,820	5,055
METHANOL		29,290	0	0	29,290	2,470,113	437,640
P-CHLOROANILINE		17	0	0	17	8,557	0
XYLENE (MIXED ISOMERS)		1,372	0	0	1,372	7,587	100
<b>FACILITY TOTAL</b>					<b>30,905</b>	<b>2,709,890</b>	<b>445,116</b>
<b>CITISTEEL</b>							
CHROMIUM COMPOUNDS		120	2	56	178	33,441	0
COPPER COMPOUNDS		106	5	18	129	33,783	0
LEAD COMPOUNDS		538	2	31	571	254,655	0
MANGANESE COMPOUNDS		410	10	359	779	193,045	0
MERCURY COMPOUNDS		29	0	0	29	26	0
NICKEL COMPOUNDS		21	2	22	45	4,034	0
ZINC COMPOUNDS		2,901	13	119	3,033	1,906,033	0
<b>FACILITY TOTAL</b>					<b>4,764</b>	<b>2,425,017</b>	<b>0</b>
<b>CLARIANT</b>							
ZINC COMPOUNDS		5	0	0	5	193	0
<b>FACILITY TOTAL</b>					<b>5</b>	<b>193</b>	<b>0</b>
<b>CUSTOM DECORATIVE MOLDINGS</b>							
DIISOCYANATES	1	0	0	0	0	0	0
<b>FACILITY TOTAL</b>					<b>0</b>	<b>0</b>	<b>0</b>
<b>D &amp; B INDUSTRIAL GROUP</b>							
METHYL ETHYL KETONE		24,592	0	0	24,592	14,036	0
<b>FACILITY TOTAL</b>					<b>24,592</b>	<b>14,036</b>	<b>0</b>

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FACILITIES RANKED ALPHABETICALLY	FORM A	ON-SITE RELEASE				TOTAL OFF-SITE TRANSFERS	ON-SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
DAIMLER CHRYSLER							
1,2,4-TRIMETHYLBENZENE		71,000	0	0	71,000	4,800	6,600
BENZENE		532	0	0	532	23	0
CERTAIN GLYCOL ETHERS		123,000	0	0	123,000	113,511	17,000
CYCLOHEXANE		639	0	0	639	27	0
ETHYLBENZENE		16,700	0	0	16,700	17,076	430
ETHYLENE GLYCOL		61	0	0	61	280	0
MANGANESE COMPOUNDS		0	0	0	0	5,050	0
METHANOL		2,120	0	0	2,120	790	0
METHYL ISOBUTYL KETONE		35,600	0	0	35,600	48,860	0
METHYL TERT-BUTYL ETHER		1,597	0	0	1,597	67	0
N-BUTYL ALCOHOL		70,000	0	0	70,000	5,700	9,100
N-HEXANE		639	0	0	639	27	0
NITRATE COMPOUNDS		81	0	0	81	21,013	0
NITRIC ACID		21	0	0	21	0	2,100
SODIUM NITRITE		340	0	0	340	0	4,400
TOLUENE		4,720	0	0	4,720	1,100	0
XYLENE (MIXED ISOMERS)		57,400	0	0	57,400	49,480	2,100
ZINC COMPOUNDS		0	0	0	0	15,290	0
FACILITY TOTAL					384,450	283,094	41,730
DENTSPLY CAULK MAIN							
METHANOL		102	0	0	102	12,721	0
METHYL METHACRYLATE		18	0	0	18	1,686	0
FACILITY TOTAL					120	14,407	0
DENTSPLY CAULK WEST							
LEAD COMPOUNDS		0	0	0	0	0	350
MERCURY		0	0	0	0	3,327	0
METHANOL		191	0	0	191	2,918	0
SILVER		0	0	0	0	4,575	0
TOLUENE		449	0	0	449	3,863	0
FACILITY TOTAL					640	14,683	350
DOVER AFB SMALL ARMS RANGE							
LEAD		0	0	2,958	2,958	0	0
FACILITY TOTAL					2,958	0	0

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		AIR	WATER	LAND	TOTAL		
DOW REICHHOLD							
1,3-BUTADIENE		21,491	0	0	21,491	0	1,290,212
ACRYLIC ACID		1,125	0	0	1,125	0	1
ACRYLONITRILE		4,453	0	0	4,453	143	535,325
AMMONIA		2,357	0	0	2,357	10	296
BUTYL ACRYLATE		585	0	0	585	0	4
ETHYL ACRYLATE		543	0	0	543	11	216
FORMALDEHYDE		1,965	0	0	1,965	0	0
METHANOL		8	0	0	8	10	296
METHYL METHACRYLATE		2,059	0	0	2,059	13	206
N-METHYLOLACRYLAMIDE		407	0	0	407	0	11
STYRENE		4,463	0	0	4,463	596	151,104
VINYL ACETATE		4,109	0	0	4,109	34	2,553
FACILITY TOTAL					43,565	817	1,980,224
DU PONT EDGE MOOR							
BARIUM COMPOUNDS		2	648	875	1,525	26,072	0
CARBONYL SULFIDE		190,000	0	0	190,000	0	0
CHLORINE		1,341	0	0	1,341	0	5,041,000
CHROMIUM COMPOUNDS		1	67	994	1,062	210,437	0
COBALT COMPOUNDS		0	52	52	104	9,296	0
COPPER COMPOUNDS		0	314	11	325	3,396	0
DIOXIN AND DIOXIN-LIKE CPDS.		0	0	13	13	156	0
HEXACHLOROBENZENE		0	52	99	151	672	0
HYDROCHLORIC ACID AEROSOLS		2,214	0	0	2,214	0	21,347,000
LEAD COMPOUNDS		0	44	233	277	48,115	0
MANGANESE COMPOUNDS		1	34,499	8,263	42,763	3,144,014	0
NICKEL COMPOUNDS		2	164	120	286	25,711	0
OCTACHLOROSTYRENE		0	0	42	42	508	0
PENTACHLOROBENZENE		0	16	30	46	201	0
PHOSGENE		798	0	0	798	0	48,000
POLYCHLORINATED BIPHENYLS		0	0	0	0	71	0
TITANIUM TETRACHLORIDE		57	0	0	57	0	1,739,000
TOLUENE		1,381	0	0	1,381	0	0
VANADIUM COMPOUNDS		1	774	1,122	1,897	52,209	0
ZINC COMPOUNDS		10	523	179	712	41,055	0
FACILITY TOTAL					244,994	3,561,913	28,175,000

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		AIR	WATER	LAND	TOTAL	TRANSFERS	MANAGEMENT
DU PONT SEAFORD							
BARIUM COMPOUNDS		22	0	24,329	24,351	0	0
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
BIPHENYL		17,441	0	0	17,441	7,880	0
DIOXIN AND DIOXIN-LIKE CPDS.		0	0	0	0	0	0
HYDROCHLORIC ACID AEROSOLS		192,306	0	0	192,306	0	0
LEAD COMPOUNDS		57	0	1,629	1,686	0	0
MERCURY COMPOUNDS		130	0	113	243	0	0
NITRATE COMPOUNDS		0	134,000	0	134,000	12	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
SODIUM NITRITE		0	0	0	0	0	132,204
SULFURIC ACID AEROSOLS		89,242	0	0	89,242	0	0
ZINC COMPOUNDS		7,083	2,338	0	9,421	0	0
FACILITY TOTAL					468,690	7,892	132,204
E-A-R SPECIALTY COMPOSITES							
DIISOCYANATES		0	0	0	0	2,330	0
TOLUENE DIISOCYANATE (MIXED)		4	0	0	4	5,850	0
FACILITY TOTAL					4	8,180	0
EDGE MOOR/HAY ROAD POWER PLT.							
AMMONIA		21,071	5	0	21,076	0	0
BARIUM COMPOUNDS		4,789	2,937	0	7,726	88,059	0
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
CHROMIUM COMPOUNDS		1,183	1,468	0	2,651	22,355	0
COBALT COMPOUNDS		1,265	0	0	1,265	18,148	0
COPPER COMPOUNDS		2,882	5,977	0	8,859	25,164	0
DIOXIN AND DIOXIN-LIKE CPDS.		0	0	0	0	0	0
HYDROCHLORIC ACID AEROSOLS		1,397,486	0	0	1,397,486	0	0
HYDROGEN FLUORIDE		70,815	0	0	70,815	0	6,944
LEAD COMPOUNDS		1,482	3,479	0	4,961	7,910	0
MANGANESE COMPOUNDS		1,339	20,559	0	21,898	20,054	0
MERCURY COMPOUNDS		124	0	0	124	44	0
NICKEL COMPOUNDS		20,111	1	0	20,112	29,268	0
POLYCYCLIC AROMATIC COMPOUNDS		34	0	0	34	0	0
SULFURIC ACID AEROSOLS		179,384	0	0	179,384	0	109,091
VANADIUM COMPOUNDS		3,981	0	0	3,981	39,762	0
FACILITY TOTAL					1,740,371	250,764	116,035

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		AIR	WATER	LAND	TOTAL	TRANSFERS	MANAGEMENT
FORMOSA PLASTICS							
AMMONIA		7,266	0	0	7,266	0	0
DIOXIN AND DIOXIN-LIKE CPDS.		0	0	0	0	0	0
VINYL ACETATE		11,633	0	0	11,633	0	0
VINYL CHLORIDE		97,717	0	0	97,717	0	139,431
FACILITY TOTAL					116,616	0	139,431
GAC SEAFORD							
ASBESTOS (FRIABLE)	1	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
FACILITY TOTAL					0	0	0
GENERAL CHEMICAL							
AMMONIA		1,000	750	0	1,750	2,301	0
HYDROGEN FLUORIDE		1,000	0	0	1,000	0	76,430
LEAD COMPOUNDS		42	0	0	42	2,116	0
SULFURIC ACID AEROSOLS		16,000	0	0	16,000	0	0
FACILITY TOTAL					18,792	4,417	76,430
GENERAL CLOTHING							
TOLUENE		8,700	0	0	8,700	1,550	0
FACILITY TOTAL					8,700	1,550	0
GENERAL MOTORS							
1,2,4-TRIMETHYLBENZENE		10,900	0	0	10,900	32,087	7,900
CERTAIN GLYCOL ETHERS		92,700	0	0	92,700	59,071	45,000
ETHYLENE GLYCOL		0	0	0	0	930	0
LEAD COMPOUNDS		0	0	0	0	152	0
METHANOL		11,320	0	0	11,320	32,022	2,000
METHYL TERT-BUTYL ETHER		105	0	0	105	180	0
N-BUTYL ALCOHOL		37,120	0	0	37,120	523	17,000
N-METHYL-2-PYRROLIDONE		31,600	0	0	31,600	18	250
POTASSIUM DIMETHYLDITHIOCARBAMATE		0	0	0	0	81	0
SODIUM NITRITE		0	0	0	0	15,000	0
TOLUENE		2,530	0	0	2,530	63	4
XYLENE (MIXED ISOMERS)		157,000	0	0	157,000	390,437	11,000
ZINC COMPOUNDS		29	360	0	389	8,240	0
FACILITY TOTAL					343,664	538,804	83,154

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		AIR	WATER	LAND	TOTAL		
GREEN TREE CHEMICAL							
1,1-DICHLORO-1-FLUOROETHANE		180	0	0	180	1,269	0
CERTAIN GLYCOL ETHERS		1	0	0	1	1,658	0
N-HEXANE		127	0	0	127	1,016	0
TETRACHLOROETHYLENE		6	0	0	6	604	0
TOLUENE		77	0	0	77	867	0
TRICHLOROETHYLENE		29	0	0	29	1,168	0
FACILITY TOTAL					420	6,582	0
HALKO MANUFACTURING							
ANTIMONY		0	0	0	0	0	0
LEAD		0	0	0	0	0	0
FACILITY TOTAL					0	0	0
HANOVER FOODS							
AMMONIA		20,000	0	0	20,000	0	0
FACILITY TOTAL					20,000	0	0
HARDCORE COMPOSITES							
STYRENE		2,638	0	0	2,638	0	0
FACILITY TOTAL					2,638	0	0
HERCULES RESEARCH CENTER							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
FACILITY TOTAL					0	0	0
HIRSH INDUSTRIES							
CERTAIN GLYCOL ETHERS		12,714	0	0	12,714	0	0
FACILITY TOTAL					12,714	0	0
HONEYWELL							
1,3-DICHLOROPROPYLENE		29	0	0	29	20,707	0
AMMONIA		6,882	0	0	6,882	3,657	0
BORON TRIFLUORIDE		215	0	0	215	2,307	0
CHLOROETHANE	1	0	0	0	0	0	0
N-HEXANE		7,886	0	0	7,886	38,452	0
TOLUENE		750	0	0	750	4,092	0
FACILITY TOTAL					15,762	69,215	0

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		AIR	WATER	LAND	TOTAL		
INDIAN RIVER POWER PLANT							
AMMONIA		15,000	0	0	15,000	0	0
BARIUM COMPOUNDS		1,805	0	290,000	291,805	0	0
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
CHROMIUM COMPOUNDS		835	0	54,000	54,835	0	0
COPPER COMPOUNDS		215	2,900	25,000	28,115	0	0
DIOXIN AND DIOXIN-LIKE CPDS.		0	0	0	0	0	0
HYDROCHLORIC ACID AEROSOLS		1,630,580	0	0	1,630,580	0	0
HYDROGEN FLUORIDE		130,000	0	0	130,000	0	14,000
LEAD COMPOUNDS		838	0	16,575	17,413	0	0
MANGANESE COMPOUNDS		1,005	0	50,000	51,005	0	0
MERCURY COMPOUNDS		89	0	102	191	0	0
NICKEL COMPOUNDS		595	0	31,000	31,595	0	0
POLYCYCLIC AROMATIC COMPOUNDS		76	0	0	76	0	0
SULFURIC ACID AEROSOLS		84,000	0	0	84,000	0	460,000
VANADIUM COMPOUNDS		625	0	56,000	56,625	0	0
ZINC COMPOUNDS		385	0	42,000	42,385	0	0
FACILITY TOTAL					2,433,625	0	474,000
INSTEEL WIRE							
LEAD COMPOUNDS		0	0	0	0	0	0
FACILITY TOTAL					0	0	0
INTERVET							
MERCURY COMPOUNDS		0	0	0	0	5	0
FACILITY TOTAL					0	5	0
JOHNSON CONTROLS							
ANTIMONY COMPOUNDS		0	0	0	0	12,483	0
LEAD COMPOUNDS		177	0	0	177	4,304,443	0
FACILITY TOTAL					177	4,316,926	0
JOHNSON POLYMER							
AMMONIA		2,721	0	0	2,721	426	0
BUTYL ACRYLATE		168	0	0	168	15	42
CERTAIN GLYCOL ETHERS		10	0	0	10	2,491	0
ETHYL ACRYLATE	1	0	0	0	0	0	0
METHYL METHACRYLATE		391	0	0	391	15	1,242
STYRENE		349	0	0	349	53	937
FACILITY TOTAL					3,639	3,000	2,221

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		AIR	WATER	LAND	TOTAL		
JUSTIN TANKS							
STYRENE		31,117	0	0	31,117	420	0
FACILITY TOTAL					31,117	420	0
KANEKA							
HYDROCHLORIC ACID AEROSOLS		322	0	0	322	0	104,859
VINYL CHLORIDE		32,106	1	0	32,107	3	177,707
FACILITY TOTAL					32,429	3	282,566
KRAFT FOODS							
AMMONIA		5	0	0	5	1,018	20,760
FACILITY TOTAL					5	1,018	20,760
KUEHNE CHEMICAL							
CHLORINE		5	0	0	5	0	0
FACILITY TOTAL					5	0	0
MACDERMID							
METHANOL		250	0	0	250	9,702	0
METHYL ETHYL KETONE		15,547	0	0	15,547	127,714	890,451
TOLUENE DIISOCYANATE (MIXED)		0	0	0	0	0	1,397
FACILITY TOTAL					15,797	137,416	891,848
MARBLE WORKS							
STYRENE		2,282	0	0	2,282	0	0
FACILITY TOTAL					2,282	0	0
MCKEE RUN POWER PLANT							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
FACILITY TOTAL					0	0	0
MEDAL							
METHANOL		250	0	0	250	10,955	910,637
N-HEXANE		250	0	0	250	0	797,454
N-METHYL-2-PYRROLIDONE		250	0	0	250	31,180	0
FACILITY TOTAL					750	42,135	1,708,091

APPENDIX C

# APPENDIX C

## 2001 ON-SITE CHEMICAL RELEASES BY FACILITY

(in pounds)

FACILITIES RANKED ALPHABETICALLY	FORM A	ON-SITE RELEASE				TOTAL OFF-SITE TRANSFERS	ON-SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
MOTIVA							
1,2,4-TRIMETHYLBENZENE		1,380	0	0	1,380	18	380,000
1,3-BUTADIENE		369	0	0	369	0	11
AMMONIA		25,014	1,400	0	26,414	0	14,021,000
ANTHRACENE		0	0	0	0	0	5
BENZENE		19,200	5,600	0	24,800	198	380,000
BENZO(G,H,I)PERYLENE		1	2	0	3	0	190
CARBON DISULFIDE		34	0	0	34	0	31,051
CARBONYL SULFIDE		410	0	0	410	0	1,067,000
CHROMIUM COMPOUNDS		441	1	44,000	44,442	11,046	0
CRESOL (MIXED ISOMERS)		0	130	0	130	1	54,000
CUMENE		99	0	0	99	0	80
CYCLOHEXANE		14,200	0	0	14,200	73	5,200
DIETHANOLAMINE		0	880	0	880	9	87,000
DIOXIN AND DIOXIN-LIKE CPDS.		0	0	0	0	0	0
ETHYLBENZENE		2,570	1,200	3	3,773	277	12,000
ETHYLENE		98	0	0	98	0	18,000
ETHYLENE GLYCOL		0	480	0	480	9	47,000
FORMIC ACID		0	0	0	0	0	75,000
HYDROCHLORIC ACID AEROSOLS		180,000	0	0	180,000	0	230,000
HYDROGEN CYANIDE		2,600	0	0	2,600	0	280,000
LEAD COMPOUNDS		660	1	27	688	56	0
MANGANESE COMPOUNDS		1,311	2,300	3,800	7,411	61,000	0
MERCURY COMPOUNDS		35	0	0	35	183	0
METHANOL		19,000	170	0	19,170	9	10,450,000
METHYL TERT-BUTYL ETHER		66,000	240	0	66,240	55	510,000
MOLYBDENUM TRIOXIDE		520	1,800	14,000	16,320	0	0
NAPHTHALENE		620	0	0	620	42	590
N-BUTYL ALCOHOL		240	12	0	252	0	1,200
N-HEXANE		44,800	0	0	44,800	0	12,000
NICKEL COMPOUNDS		13,000	1,800	39,000	53,800	28,043	0
NITRATE COMPOUNDS		0	530	0	530	0	900,000
PHENANTHRENE		2	0	0	2	0	5
PHENOL		2	280	0	282	0	118,000
POLYCYCLIC AROMATIC COMPOUNDS		9	2	0	11	0	420
PROPYLENE		1,770	0	0	1,770	0	570,000
SODIUM NITRITE		0	12,000	0	12,000	0	1,400,000
STYRENE		22	0	0	22	0	70
SULFURIC ACID AEROSOLS		840,000	0	0	840,000	0	1,900

APPENDIX C

Source: DNREC 2001 TRI Database, March 1,2003.  
FORM A reports do not indicate amounts.

# APPENDIX C

## 2001 ON-SITE CHEMICAL RELEASES BY FACILITY

(in pounds)

FACILITIES RANKED ALPHABETICALLY	FORM A	ON-SITE RELEASE				TOTAL OFF-SITE TRANSFERS	ON-SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
TETRACHLOROETHYLENE		3	0	0	3	0	0
TOLUENE		5,400	4,400	0	9,800	1,123	160,000
VANADIUM COMPOUNDS		7,700	11,000	250,000	268,700	340	0
XYLENE (MIXED ISOMERS)		6,400	0	0	6,400	1,061	95,000
ZINC COMPOUNDS		2,500	3,300	340	6,140	41,270	0
<b>FACILITY TOTAL (MOTIVA)</b>					<b>1,655,108</b>	<b>144,813</b>	<b>30,906,722</b>
<b>MOUNTAIRE FARMS FEEDMILL</b>							
COPPER COMPOUNDS	1	0	0	0	0	0	0
MANGANESE COMPOUNDS	1	0	0	0	0	0	0
ZINC COMPOUNDS	1	0	0	0	0	0	0
<b>FACILITY TOTAL</b>					<b>0</b>	<b>0</b>	<b>0</b>
<b>MOUNTAIRE FARMS OF DELAWARE</b>							
AMMONIA		0	1,649	7,937	9,586	0	0
COPPER COMPOUNDS	1	0	0	0	0	0	0
MANGANESE	1	0	0	0	0	0	0
ZINC (FUME OR DUST)	1	0	0	0	0	0	0
<b>FACILITY TOTAL</b>					<b>9,586</b>	<b>0</b>	<b>0</b>
<b>MOUNTAIRE FARMS OF DELMARVA</b>							
AMMONIA		3,400	0	0	3,400	10,435	0
<b>FACILITY TOTAL</b>					<b>3,400</b>	<b>10,435</b>	<b>0</b>
<b>NORAMCO</b>							
DICHLOROMETHANE		2,010	0	0	2,010	86,810	1,196,732
HYDROCHLORIC ACID AEROSOLS		31	0	0	31	0	0
METHANOL		1,024	0	0	1,024	595,267	11,482
METHYL ISOBUTYL KETONE		2	0	0	2	52,474	0
N-BUTYL ALCOHOL		3	0	0	3	50,535	0
SULFURIC ACID AEROSOLS		0	0	0	0	0	0
TOLUENE		823	0	0	823	430,992	260,022
<b>FACILITY TOTAL</b>					<b>3,893</b>	<b>1,216,078</b>	<b>1,468,236</b>
<b>NRG DOVER</b>							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
HYDROCHLORIC ACID AEROSOLS		96,000	0	0	96,000	0	0
LEAD COMPOUNDS		12	0	0	12	380	0
MERCURY COMPOUNDS		7	0	0	7	2	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0

Source: DNREC 2001 TRI Database, March 1,2003.  
FORM A reports do not indicate amounts.

APPENDIX C

# APPENDIX C

## 2001 ON-SITE CHEMICAL RELEASES BY FACILITY

(in pounds)

FACILITIES RANKED ALPHABETICALLY	FORM A	ON-SITE RELEASE				TOTAL OFF-SITE TRANSFERS	ON-SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
SULFURIC ACID AEROSOLS		23,000	0	0	23,000	0	23,000
<b>FACILITY TOTAL</b>					<b>119,019</b>	<b>382</b>	<b>23,000</b>
<b>NVF YORKLYN</b>							
ZINC COMPOUNDS		0	2,252	0	2,252	9,594	4,594,952
<b>FACILITY TOTAL</b>					<b>2,252</b>	<b>9,594</b>	<b>4,594,952</b>
<b>OCCIDENTAL CHEMICAL</b>							
CHLORINE		1,066	0	0	1,066	831	2,288,340
CHLOROFORM		209	0	0	209	11,157	0
DIOXIN AND DIOXIN-LIKE CPDS.		0	0	0	0	0	0
MERCURY		1,068	20	0	1,088	1,047	7,800
<b>FACILITY TOTAL</b>					<b>2,363</b>	<b>13,035</b>	<b>2,296,140</b>
<b>ORIENT</b>							
ANILINE		2,509	0	0	2,509	116	7,590
CHROMIUM COMPOUNDS		0	0	0	0	0	0
NITROBENZENE		210	0	0	210	0	0
ZINC COMPOUNDS		0	0	0	0	0	0
<b>FACILITY TOTAL</b>					<b>2,719</b>	<b>116</b>	<b>7,590</b>
<b>PERDUE BRIDGEVILLE</b>							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
COPPER COMPOUNDS	1	0	0	0	0	0	0
MANGANESE COMPOUNDS	1	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
ZINC COMPOUNDS	1	0	0	0	0	0	0
<b>FACILITY TOTAL</b>					<b>0</b>	<b>0</b>	<b>0</b>
<b>PERDUE GEORGETOWN</b>							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
NITRATE COMPOUNDS		0	310,000	210	310,210	0	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
<b>FACILITY TOTAL</b>					<b>310,210</b>	<b>0</b>	<b>0</b>
<b>PINNACLE FOODS</b>							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		2	0	0	2	0	0
<b>FACILITY TOTAL</b>					<b>2</b>	<b>0</b>	<b>0</b>

APPENDIX C

Source: DNREC 2001 TRI Database, March 1, 2003.  
FORM A reports do not indicate amounts.

# APPENDIX C

## 2001 ON-SITE CHEMICAL RELEASES BY FACILITY

(in pounds)

FACILITIES RANKED ALPHABETICALLY	FORM A	ON-SITE RELEASE				TOTAL OFF-SITE TRANSFERS	ON-SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
PLAYTEX PRODUCTS							
CHLORINE		5	0	0	5	0	2,300
NITRIC ACID		37	0	0	37	6,900	2,000
FACILITY TOTAL					42	6,900	4,300
PPG DOVER							
1-(3-CHLOROALLYL)-3,5,7-TRIAZA-1-AZONIAADAMANTANE CHLORIDE	1	0	0	0	0	0	0
CERTAIN GLYCOL ETHERS	1	0	0	0	0	0	0
ETHYLENE GLYCOL		10	0	0	10	4,073	0
ZINC COMPOUNDS		69	0	0	69	4,292	0
FACILITY TOTAL					79	8,365	0
PPG INDUSTRIES							
DIISOCYANATES		0	0	0	0	250	0
FACILITY TOTAL					0	250	0
RODEL							
DIISOCYANATES		2	0	0	2	8,930	0
METHYL ETHYL KETONE		9,894	0	0	9,894	1,542	191,708
N,N-DIMETHYLFORMAMIDE		23,971	0	0	23,971	823,361	3,205,583
PHTHALIC ANHYDRIDE	1	0	0	0	0	0	0
FACILITY TOTAL					33,867	833,833	3,397,291
RODEL TECH CENTER							
4,4'-METHYLENEBIS(2-CHLOROANILINE)		2	0	0	2	1,039	0
N-METHYL-2-PYRROLIDONE		2,305	0	0	2,305	24,510	0
FACILITY TOTAL					2,307	25,549	0
ROLLER SERVICE							
DI(2-ETHYLHEXYL) PHTHALATE	1	0	0	0	0	0	0
FACILITY TOTAL					0	0	0
SERVICE ENERGY DOVER							
1,2,4-TRIMETHYLBENZENE	1	0	0	0	0	0	0
TOLUENE	1	0	0	0	0	0	0
FACILITY TOTAL					0	0	0

APPENDIX C

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FORM A reports do not indicate amounts.

# APPENDIX C

## 2001 ON-SITE CHEMICAL RELEASES BY FACILITY

(in pounds)

FACILITIES RANKED ALPHABETICALLY	FORM A	ON-SITE RELEASE				TOTAL OFF-SITE TRANSFERS	ON-SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
SICO #360							
1,2,4-TRIMETHYLBENZENE	1	0	0	0	0	0	0
BENZENE	1	0	0	0	0	0	0
CYCLOHEXANE	1	0	0	0	0	0	0
ETHYLBENZENE	1	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	1	0	0	0	0	0	0
NAPHTHALENE	1	0	0	0	0	0	0
N-HEXANE	1	0	0	0	0	0	0
TOLUENE	1	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	1	0	0	0	0	0	0
FACILITY TOTAL					0	0	0
SPATZ FIBERGLASS							
STYRENE		6,178	0	0	6,178	0	0
FACILITY TOTAL					6,178	0	0
SPI PHARMA							
CHLORINE	1	0	0	0	0	0	0
NITRIC ACID	1	0	0	0	0	0	0
FACILITY TOTAL					0	0	0
SPI POLYOLS, INC.							
NICKEL COMPOUNDS		213	0	5	218	99,252	35,000
NITRATE COMPOUNDS	1	0	0	0	0	0	0
NITRIC ACID		10	0	0	10	1,900	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
FACILITY TOTAL					228	101,152	35,000
SUNOCO							
BENZENE		11,818	0	0	11,818	45,772	0
ETHYLENE		35,261	0	0	35,261	0	0
ETHYLENE OXIDE		5,368	0	0	5,368	0	0
TOLUENE		42,607	0	0	42,607	50,262	0
XYLENE (MIXED ISOMERS)		19,070	0	0	19,070	25,288	0
FACILITY TOTAL					114,124	121,322	0

APPENDIX C

# APPENDIX C

## 2001 ON-SITE CHEMICAL RELEASES BY FACILITY

(in pounds)

FACILITIES RANKED ALPHABETICALLY	FORM A	ON-SITE RELEASE				TOTAL OFF-SITE TRANSFERS	ON-SITE WASTE MANAGEMENT	
		AIR	WATER	LAND	TOTAL			
UNIQEMA								
4,4'-ISOPROPYLIDENEDIPHENOL		978	0	0	978	1,359	0	
BIS(2-CHLOROETHYL) ETHER		18	0	0	18	8,077	0	
CERTAIN GLYCOL ETHERS		23	0	0	23	3,437	1,473	
DIETHYL SULFATE	1	0	0	0	0	0	0	
ETHYLENE GLYCOL	1	0	0	0	0	0	0	
ETHYLENE OXIDE		6,023	0	0	6,023	0	0	
NAPHTHALENE	1	0	0	0	0	0	0	
PHENOL		55	0	0	55	512	219	
PROPYLENE OXIDE		1,062	0	0	1,062	0	0	
FACILITY TOTAL					8,159	13,385	1,692	
VP RACING FUELS								
BENZENE	1	0	0	0	0	0	0	
LEAD COMPOUNDS		2	0	0	2	0	0	
METHANOL	1	0	0	0	0	0	0	
METHYL TERT-BUTYL ETHER	1	0	0	0	0	0	0	
TOLUENE	1	0	0	0	0	0	0	
XYLENE (MIXED ISOMERS)	1	0	0	0	0	0	0	
FACILITY TOTAL					2	0	0	
W.L. GORE BARKSDALE								
LEAD		0	0	0	0	954	0	
FACILITY TOTAL					0	954	0	
W.L. GORE OTTS CHAPEL								
LEAD		0	0	0	0	600	0	
FACILITY TOTAL					0	600	0	
STATE TOTAL		57	6,766,580	573,937	965,666	8,306,183	17,114,745	90,673,402

APPENDIX C